

IEC030032PCT\_SEQ.txt  
SEQUENCE LISTING

<110> INSTITUTE OF MEDICINAL BIOTECHNOLOGY, CHINESE ACADEMY OF MEDICAL SCIENCES

<120> AN ENGINEERED AND ENERGIZED FUSION PROTEIN Fv-LDP-AE WITH POTENT ANTITUMOR  
EFFICACY  
AND ANTIANGIOGENIC ACTIVITY AND USE THEREOF

<130> IEC030032PCT

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<170> PatentIn version 3.1

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<211> 1119

<212> DNA

<213> artificial

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Ile Gly Trp Ile Phe Pro Gly Glu Gly Ser Thr Glu Tyr Asn Glu Lys  
50 55 60

Phe Lys Gly Arg Ala Thr Leu Ser Val Asp Lys Ser Ser Ser Thr Ala  
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Tyr Met Glu Leu Thr Arg Leu Thr Ser Glu Asp Ser Ala Val Tyr Phe  
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Cys Ala Arg Gly Asp Tyr Tyr Arg Arg Tyr Phe Asp Leu Trp Gly Gln  
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115 120 125

Gly Ser Asp Ile Glu Leu Ser Gly Gly Gly Thr Gln Ser Pro Ala  
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Ser Leu Ala Val Ser Leu Gly Gln Arg Ala Thr Ile Ser Cys Arg Ala  
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Ser Glu Ser Val Asp Thr Tyr Gly Asp Thr Phe Met Tyr Trp Tyr Gln  
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Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr Leu Ala Thr Asn  
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Leu Gly Ser Gly Val Pro Ala Gly Phe Ser Gly Ser Gly Ser Arg Thr  
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Tyr Tyr Cys Gln Gln Asn Asn Glu Asp Pro Tyr Thr Phe Gly Gly  
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Thr Lys Leu Glu Ile Lys Arg Gly Gly Gly Ser Glu Phe Ala Pro  
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Ala Phe Ser Val Ser Pro Ala Ser Gly Leu Ser Asp Gly Gln Ser Val  
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Gln Cys Ala Pro Val Gly Gly Gln Asp Ala Cys Asn Pro Ala Thr Ala  
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Val Arg Lys Ser Tyr Thr Gly Ser Thr Pro Glu Gly Thr Pro Val Gly  
325 330 335

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